

FIG. 1

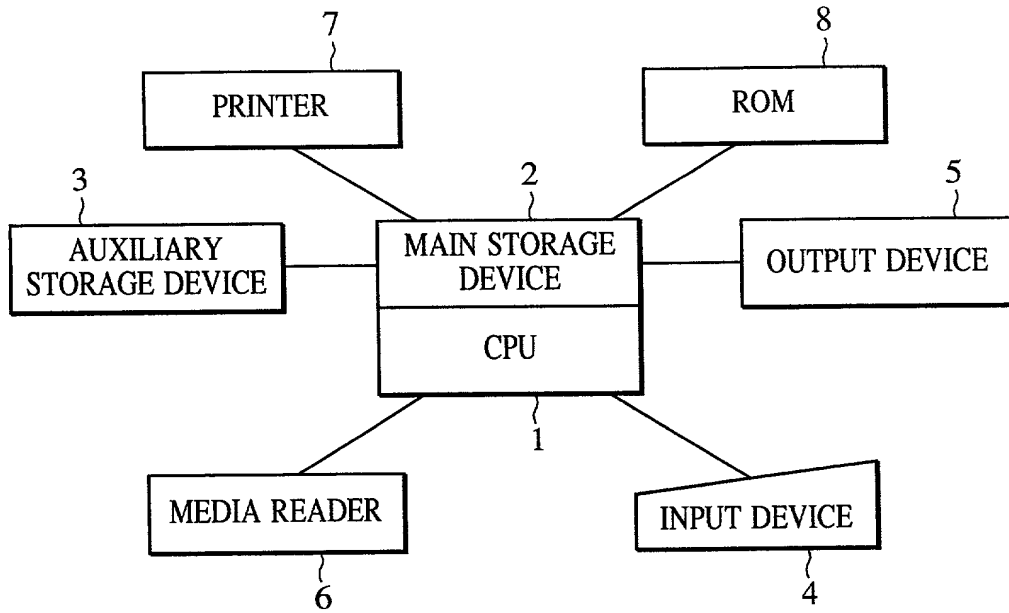


FIG. 2

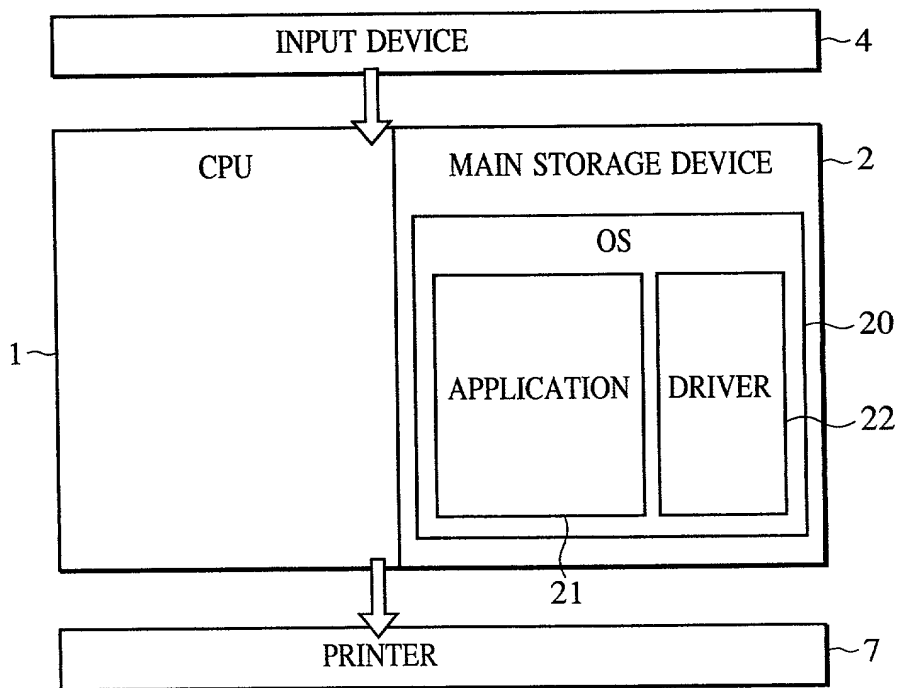


FIG. 3

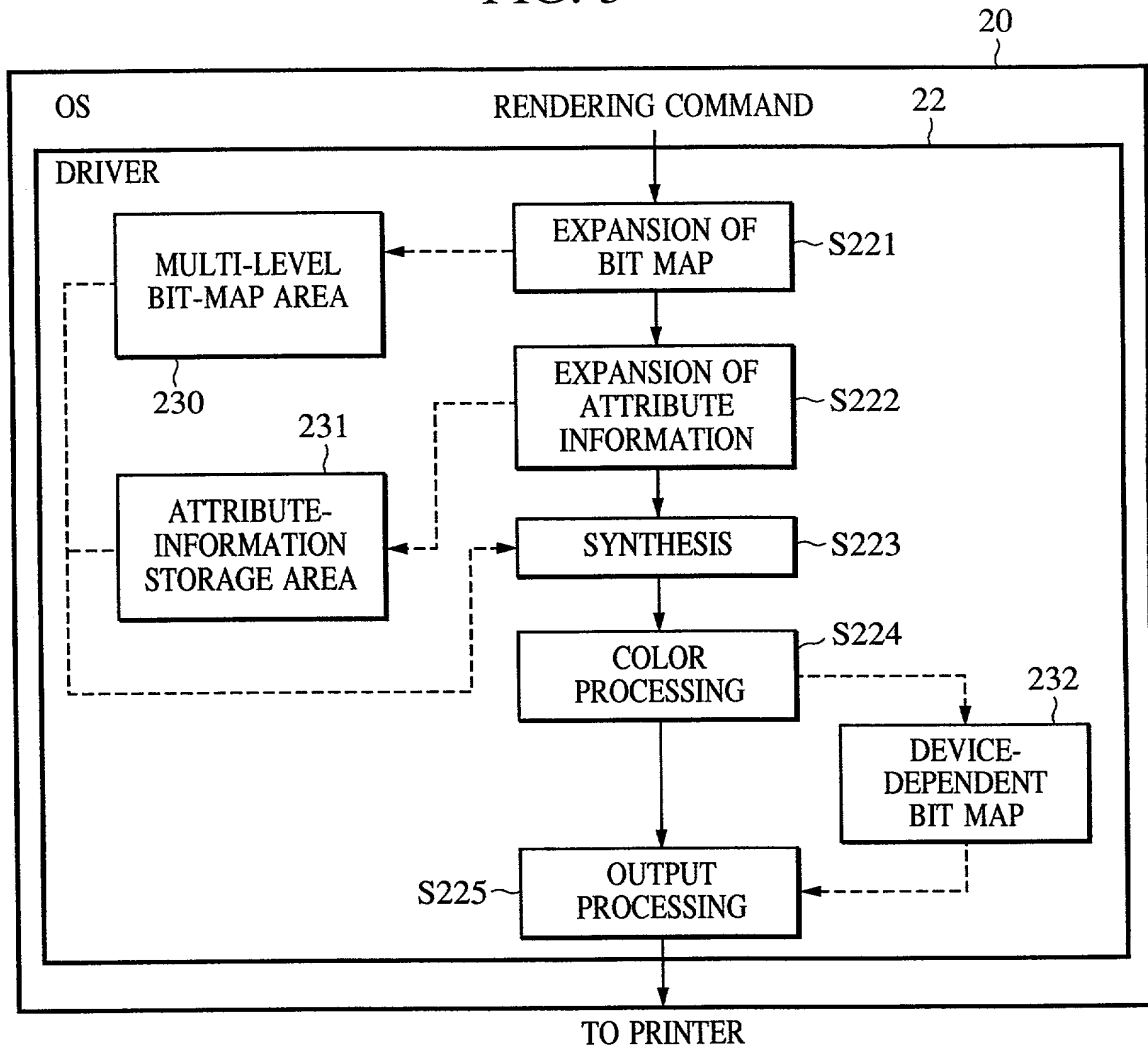
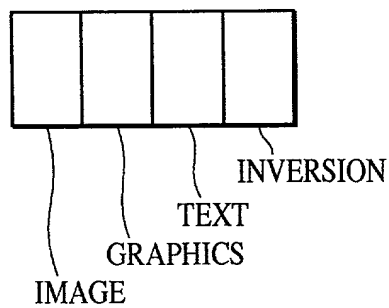


FIG. 4



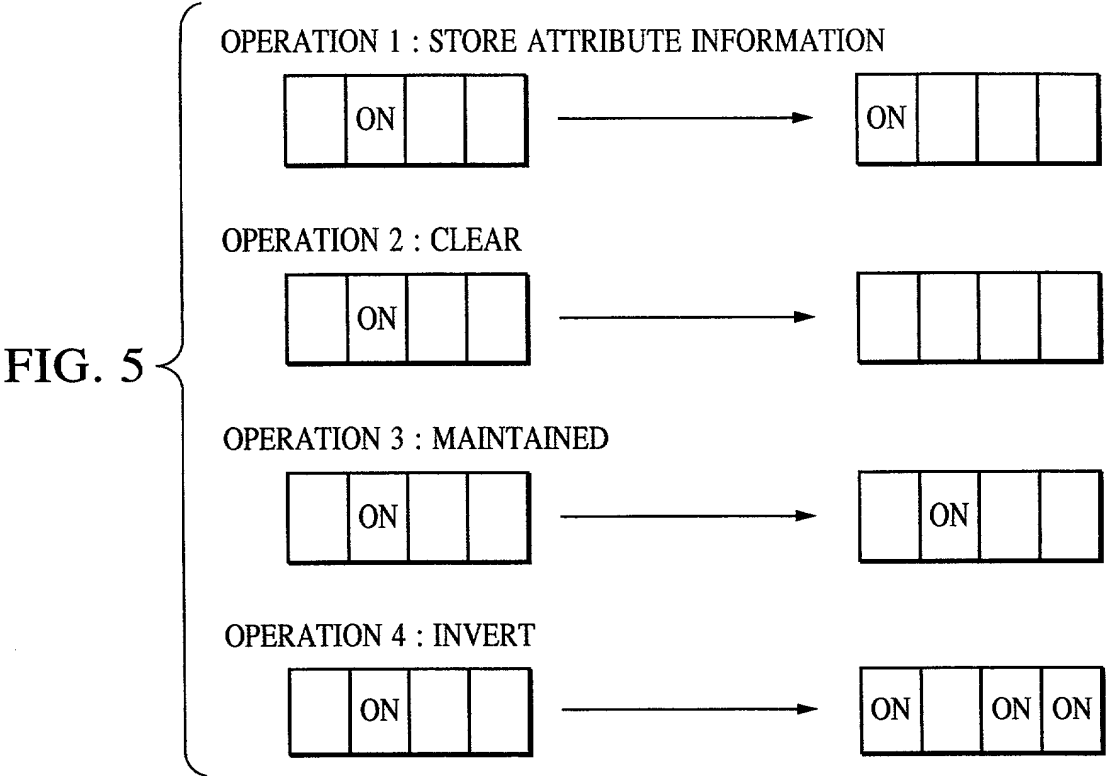


FIG. 6

| PATTERN | SOURCE | DEST | RESULT | SOURCE COPY | PATTERN COPY |
|---------|--------|------|--------------|-------------|--------------|
| 0 | 0 | 0 | r000(0 or 1) | 0 | 0 |
| 0 | 0 | 1 | r001(0 or 1) | 0 | 0 |
| 0 | 1 | 0 | r010(0 or 1) | 1 | 0 |
| 0 | 1 | 1 | r011(0 or 1) | 1 | 0 |
| 1 | 0 | 0 | r100(0 or 1) | 0 | 1 |
| 1 | 0 | 1 | r101(0 or 1) | 0 | 1 |
| 1 | 1 | 0 | r110(0 or 1) | 1 | 1 |
| 1 | 1 | 1 | r111(0 or 1) | 1 | 1 |

FIG. 7A

| SOURCE | DEST | RESULT |
|--------|------|--------|
| 0 | 0 | r000 |
| 0 | 1 | r001 |
| 1 | 0 | r010 |
| 1 | 1 | r011 |

FIG. 7B

| SOURCE | RESULT | | BIT OPERATION ON TARGET ATTRIBUTE |
|--------|--------|---|--------------------------------------|
| 0 | r000 | } | → Target_SrcON |
| 0 | r001 | | |
| 1 | r010 | } | → Target_SrcOFF |
| 1 | r011 | | |

FIG. 7C

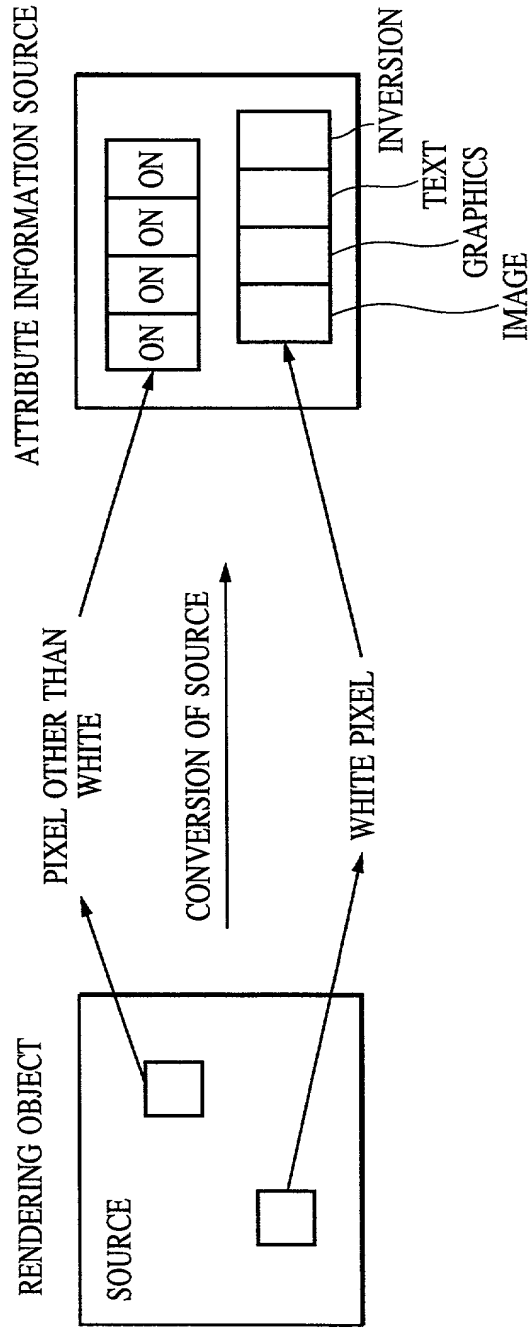


FIG. 7D

| SOURCE | RESULT | OPERATION OF TARGET BIT | OPERATION OF NON-TARGET BIT |
|--------|--------|-------------------------|-----------------------------|
| 0 | r000 | Target_SrcON | NonTarget_SrcON |
| 0 | r001 | | |
| 1 | r010 | Target_SrcOFF | NonTarget_SrcOFF |
| 1 | r011 | | |

FIG. 8A

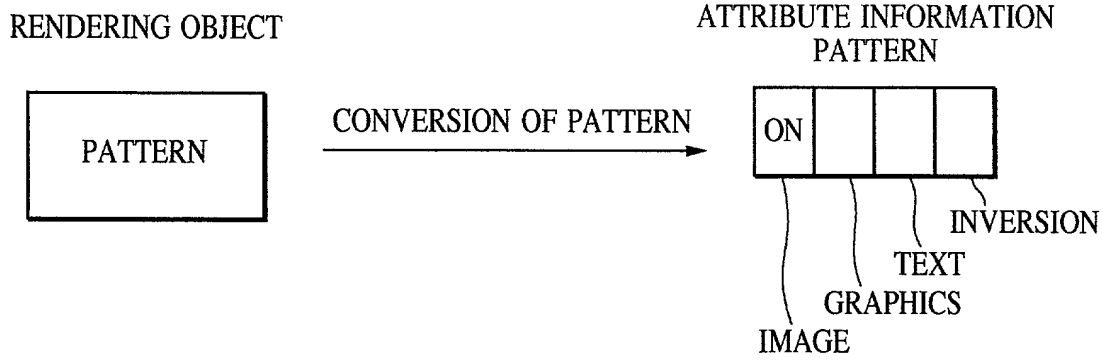


FIG. 8B

| ATTRIBUTE INFORMATION PATTERN | ATTRIBUTE INFORMATION SOURCE | ATTRIBUTE- INFORMATION STORAGE AREA | RESULT | |
|-------------------------------|------------------------------|-------------------------------------|-----------|------------------|
| OFF | OFF | OFF | OFF or ON | NonTarget_SrcOFF |
| OFF | OFF | ON | OFF or ON | |
| OFF | ON | OFF | OFF or ON | NonTarget_SrcON |
| OFF | ON | ON | OFF or ON | |
| ON | OFF | OFF | OFF or ON | Target_SrcOFF |
| ON | OFF | ON | OFF or ON | |
| ON | ON | OFF | OFF or ON | Target_SrcON |
| ON | ON | ON | OFF or ON | |

FIG. 8C

ATTRIBUTE-INFORMATION
STORAGE AREA

RESULT

OFF

ON

ON

ON

OPERATION 1 : STORE ATTRIBUTE
INFORMATION

OFF

OFF

ON

OFF

OPERATION 2 : CLEAR

OFF

OFF

ON

ON

OPERATION 3 : MAINTAINED

OFF

ON

ON

OFF

OPERATION 4 : INVERSION

FIG. 9

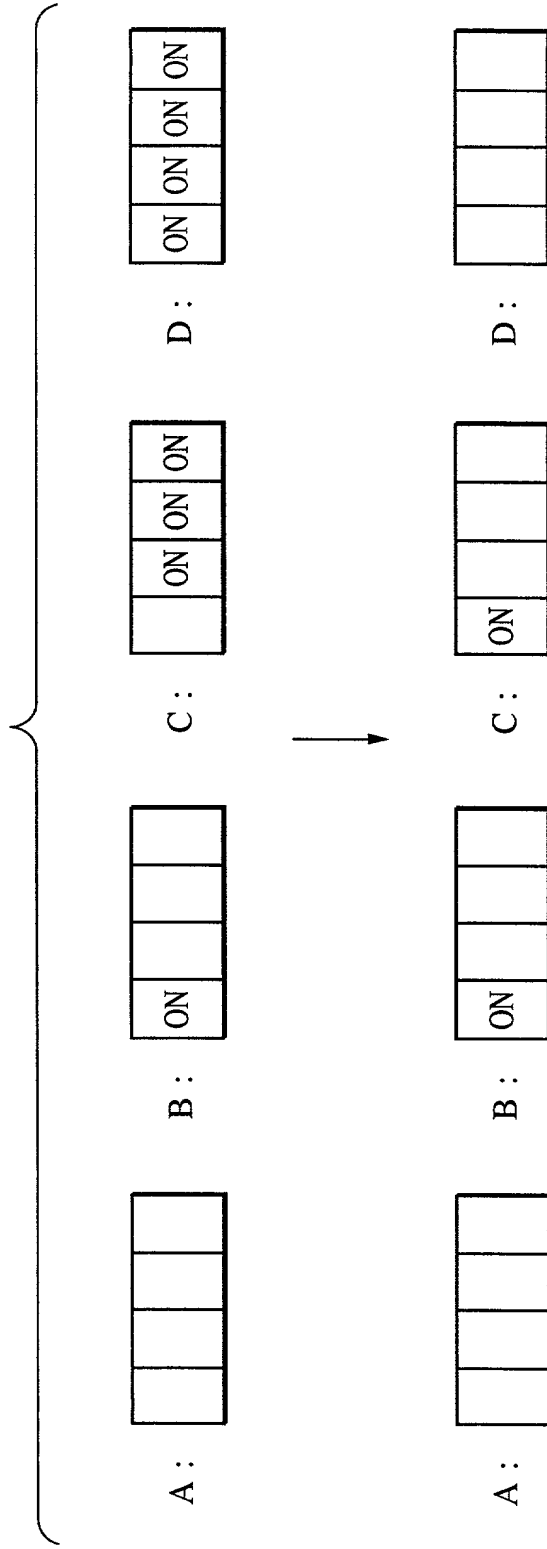


FIG. 10

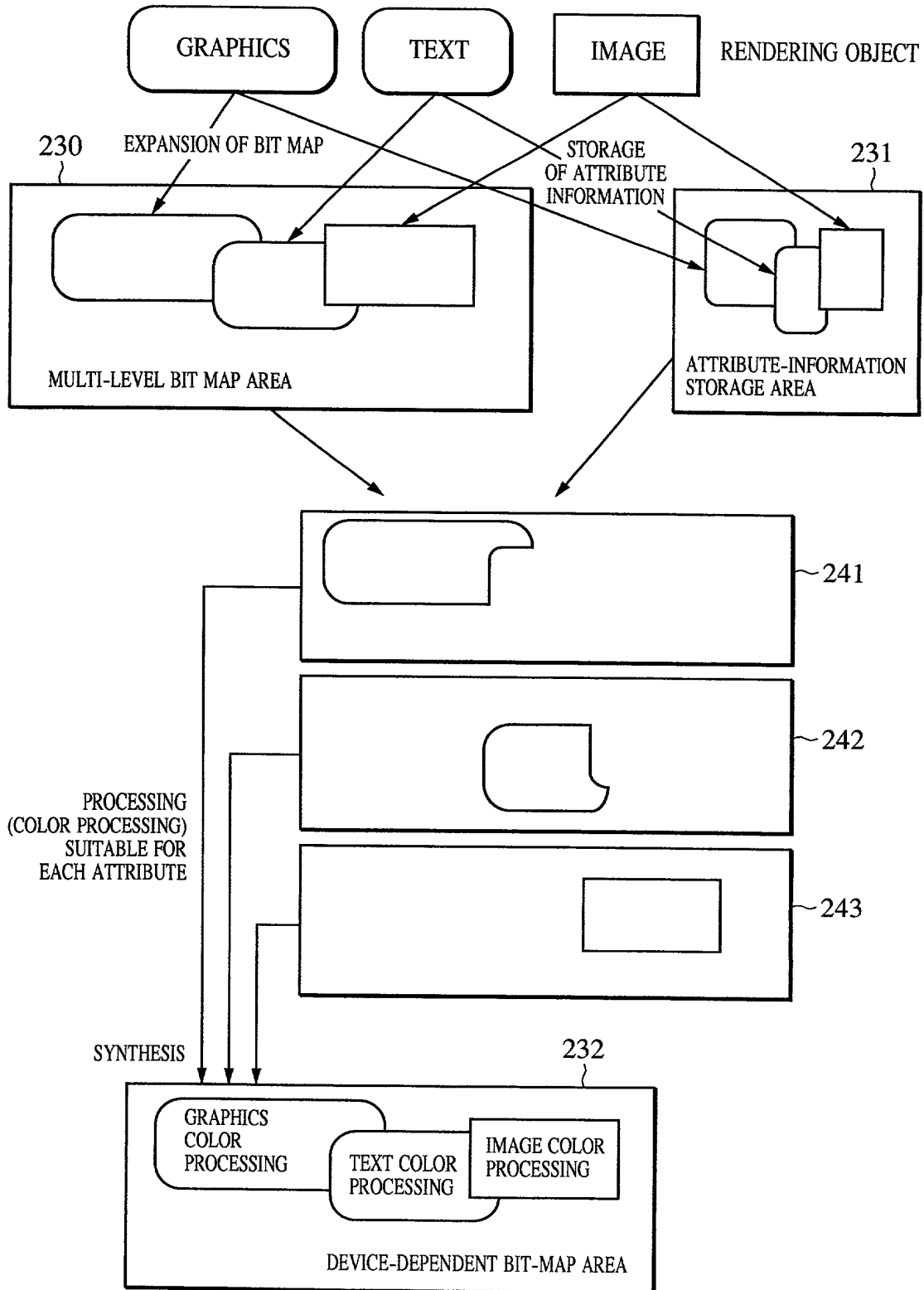


FIG. 11A

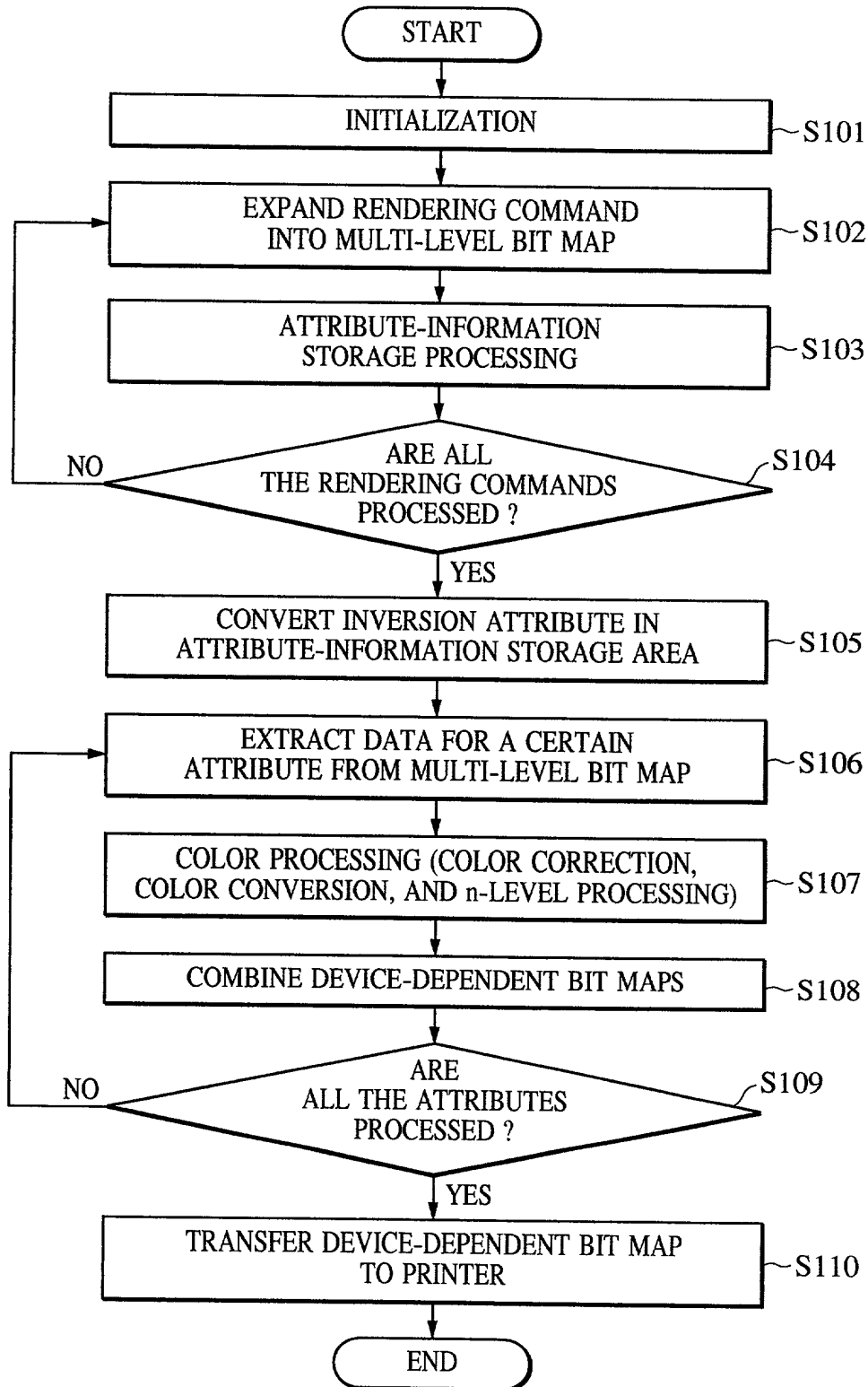


FIG. 11B

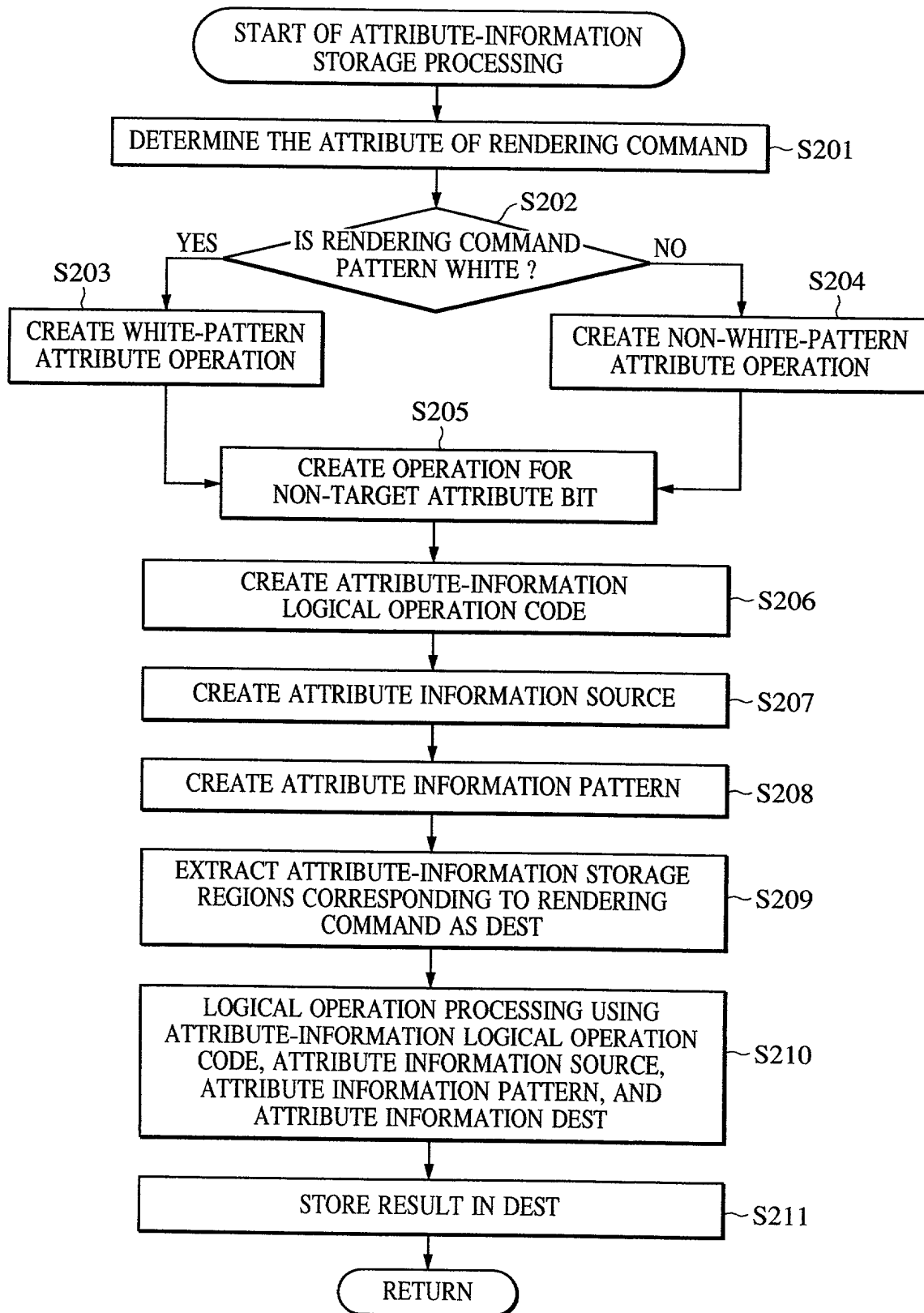


FIG. 12

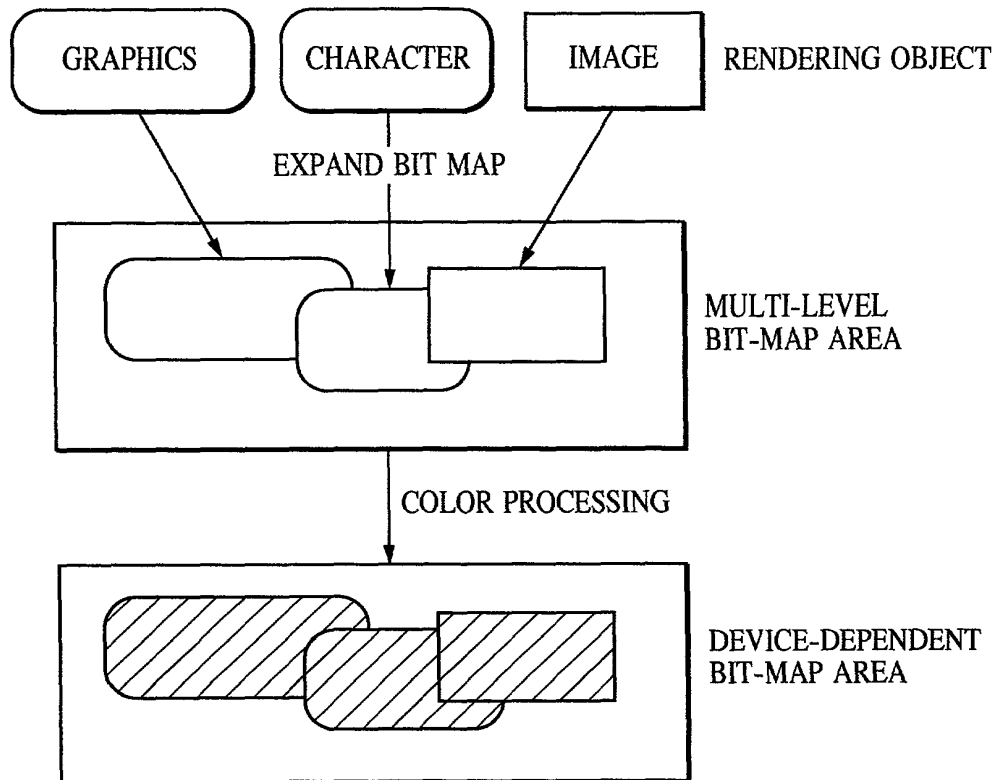


FIG. 13

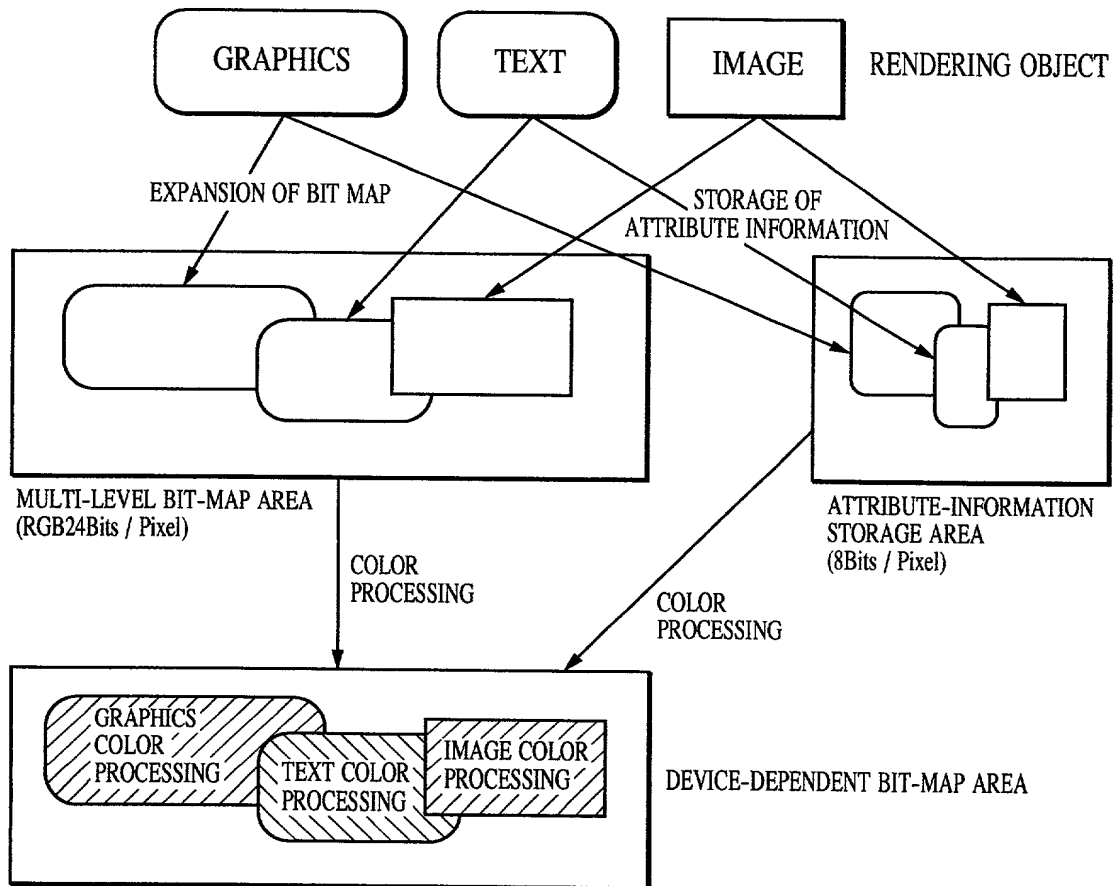


FIG. 14

